

ADDENDA ET CORRIGENDA TO THE WOODY PLANTS OF THE BECHUANALAND PROTECT- ORATE.

(Vol. XVIII pp. 1—100, 1952.)

By O. B. MILLER.

Besides some additional localities and native names, 16 fresh species are now recorded, bringing the total, exclusive of varieties, to 580. For the identification of these new plants and for certain corrections to previous determinations I am indebted to the Chief, Division of Botany & Plant Pathology, Union of South Africa and particularly to Miss Rosemary Robertson of the National Herbarium, Pretoria; to the Director of the Royal Botanic Gardens, Kew, and Mr. E. Milne-Redhead, and to the Director of the Imperial Forestry Institute, University of Oxford and Mr. F. White.

Preface; last sentence: after "Mr. F. White.", add "Also to Mr. H. L.

Dunkley for corrections made at Oxford and Kew."

p. 8, l. 3, for "Rhus" read "Combretum."

p. 10, l. 29, delete "F. sp." and substitute "F. capraeifolia Del."

p. 11, l. 15, for "464" read "164".

p. 13, l. 6, for "leucura" read "leucura".

p. 14, l. 9, delete "sp. nr. A."

p. 16, l. 7, for "cfr. C. oligantha Gilg. & Benn." read "nr. elaeagnoides Gilg."

p. 16, lines 11 & 21, for "Benn." read "Ben."

p. 17, l. 19, after "in N.B.P." insert "An evergreen which however loses many of its leaves in winter. Flrs. (Sept.-Oct.) pale yellow. Frts. Aug.-Sept."

p. 19, l. 29, for "Burt Davy" read "Glover".

p. 21, l. 19, between "mosu" and "(Mbuk.)" insert "and muthu".

p. 27, l. 35, after "(Mbuk.)" add "mbola (Kalaka)".

p. 28, l. 21, after "(teste Curson)" add "mothwakedja (Taw.)"

p. 28, l. 30, for "fassogiensis Klotz." read "fassoglensis Kotsch."

p. 28, l. 32, for "macracantha" read "macrantha".

p. 30, l. 4, for "COLOPHOSPERMA" read "COLOPHOSPERMUM".

p. 30, l. 16, insert "C. flavicarinata Bak. f. Lax shrub of Baikiaea forest, Serondela. Base only of stem is woody. Flrs. (Dec.) white and yell. Miller B/1261."

- p. 30, after line 22 insert

"C. sp.

Lowly woody plant on termite nest nr. Jolley's Pan, dist. Chobe.
Flrs (May) yell. *Miller B./1327*."

- p. 30, l. 32, after "(Mbuk.)" add "mogamane (Taw.)."

- p. 30, l. 33, after "Frt 1-seeded" add "Flrs. (June) whitish."

- p. 30, l. 34, after "B/645" add "B/1332".

- p. 31, after l. 19, insert "DOLICHOS L. III

l. D. sp.

Small woody climber. Flrs. (May) pale blue to white with distinctly blue keel. Lvs. sparse, 3-foliate. Nr. Dekka. *Miller B/1325*."

- page 32, l. 20, after "J. Leonard" add "II".

- p. 33, l. 8, for "Bek." read "Bak."

- p. 33, l. 9, after "3-foliate" insert "A procumbent woody plant. Flrs. (Aug.) pink turning pale blue."

- p. 33, l. 10, after "*Mrs. Lugard* 190" insert "*Miller B/1336*".

- p. 33, delete lines 20 and 21, and substitute "Julbernardia (syn. *Isoberlina* Craib and Stapf) l. J. globiflora".

- p. 34, l. 4, for "(Sept.)" read "(Aug.-Sept.)"

- p. 34, l. 5, after "tree-like" add "but very occasionally 3-foliate, the terminal lft much the largest".

- p. 34, after l. 10, insert "MELOLOBIUM E. & Z. III l. M. sp.
makgonatsotlhe (Kal.)

Spiny shrublet 6 to 8 ins. high. Lvs. 3-foliate. Flrs. (Sept.) yell.
Bed. of Kuwe Pan, S.W. Kalahari. *Miller B/355*."

- p. 37, delete lines 20 & 21 and substitute "Citropsis Swingle & Kellermann
l. C. sp. nov. (Kew det.)".

- p. 37, l. 28, after "hut pole" insert "Frts (Apl-May) globose, 12 mm. diam."
and after "B/1110" insert "B/1172".

- p. 38, l. 6, for "betchuanica" read "betschuanica".

- p. 38, l. 37, delete "Ngamiland, *Curson* 117, 792." and insert "mkomoto (Mang.).

Tree 25 ft. high. Frts. Feby. Bark not papery but flaking green.
Lvs. pinnate. Tati and Ngamiland. *Curson* 117, 792. *Miller B 1312*".

- p. 39, after l. 19, insert "39. C. sp. (possibly *C. parvifolium* Dinter).

Lax shrub. Inflor. (Nov.) capitate, very small heads, pale yell.
Serondela. *Miller B/1199*."

- p. 40, delete lines 37 to 39.

- p. 41, after l. 9, insert "2. T. sp.

segelobe (Ngwak.)

- Not matched at Kew. Lax shrub with twining brchtls. Lvs. opp. or whorled, minutely hairy. Flrs. (Jany.) canary yell. Hab. among rocks. *Miller B/978.*"
- p. 44, after l. 21, insert "E. matabelensis Pax
- Shrub to 6 ft. high. Stem not fleshy. Juice milky, copious. Lvs. opp. or whorled. Flrs. (May-July) precocious, yell.-green. Brchtls. in 3s. equidistant and in same plane. Bark pale, smooth but corky at base of stem. Lvs. linear. Chobe dist., common round Deka, rare elsewhere. *Miller B/1320, B/1329, B/1330.*"
- p. 44, after l. 31 insert "maladitapi (Taw.)."
- p. 45, after l. 3, insert "3. P. sp. (possibly P. loandensis Welw., ex descr.)
- Woody plant to 1 ft. high. Flrs. (Aug.) axillary, minute. Frts. (Aug.) globose, opening by 3 slits. Bark red-brown, stringy. Lvs. sparse or wanting. Hab. destroyed Baikiaea forest, Serondela. *Miller B/1335.*"
- p. 47, l. 1, for "guenzii" read "gueinzii".
- p. 47, after l. 11 insert "R. lucens Hutchins
- Small tree. Frts. (May) flattened. Deka area, dist. Chobe. *Miller B/1328.*"
- p. 49, after l. 29 insert "simammungwa (Kol.)."
- p. 49, l. 30, delete and substitute "Liane 30 to 40 ft. long, 6 to 7 ins. diam. Flrl. (Sept.), green, disc blue-green. Male flrs. have brick-red anthers. Serondela. *Miller B/1334. Rob. & Ellfers 82.*"
- p. 49, l. 35, for "parvifolia" read "parviflora N. E. Br."
- p. 51, l. 16, for "Zizyphus" read "Ziziphus".
- p. 52, l. 3, between "precocious" and "Matetsi" insert "Brchtls. ten-drilled. Nr Topsi Siding and"
- p. 53, l. 16, after "Curson" add "ntewa (Kalaka)".
- p. 54, l. 23, delete "B/476" and transfer to *Grewia retinervis*.
- p. 54, delete lines 24 and 25, transfer "Miller B/538" to *Grewia flavescens*.
- p. 54, after l. 28, insert "Triumfetta L.
- l. T. pentandra A. Rich.
- Slender shrub 3 ft. high. Flrs. (Apl.), calyx green, corolla yell. Frts. (Apl.) ovate or globose, echinate, 3 mm. diam. Bark strong, stripping readily. Lvs. simple. The whole plant hairy. Serondela. *Miller B/1167, B/1314.*"
- p. 54, after l. 37 (bottom of page) insert "A. ramosum G. & P.
- Shrub 4 ft. high. Lvs. sparse, whorled. Flrs. (July) yell. Frts. 6-locular, roughly hairy. Serondela. *Miller B/1334.*"
- p. 55, l. 8, after "its nest." insert "This is denied by ornithologists who say the bird is parasitic."

- p. 55, delete lines 21 to 23 and substitute "Thin-stemmed plant to 3½ ft., only lower part woody. Whole plant with small but sharp prickles. Flrs. (June-Aug.) 'yell. with maroon eye', Mrs. Lugard. Bracts 25 mm. × 1.5 mm. Lvs. and stipules digitate. Chobe and Ngamiland. *Mrs. Lugard* 118. *Miller* B.1078, B 1079, B 1313. *Rob. & Ellfers* 79."
- p. 56, l. 16, for "H. dinteriana". read "S. dinteriana".
- p. 57, l. 15, after "Melhania" insert "M. burchellii DC. Recorded by Burt Davy (4). *Zeyher* 2417."
- p. 58, l. 26, after "edible" insert "Flrs. (Aug.) cauliflorous; male flrs. green with yell. stamens."
after "*Miller* B 68," add "B 1338."
- p. 59, l. 26, after "yell." insert "Frts. (June) ± globose, 2.5 cm. diam. Seeds bright yell. with honeycomb surface."
- p. 59, after l. 32, insert "*Oncoba* Forsk. 1. O. spinosa Forsk.
Small branchy tree with spinose brchls. Flrs. about 4—5 cm. across, showy white, fragrant' (4). Frts. (May) globose, 4—5 cm. diam. shell hard with dark longitudinal markings. Lvs. serrulate. Baikiaea forest, Serondela. *Miller* B 1317."
- p. 60, after line 19, insert LYTHRACEAE
Nesaea Comm.
l. N. sp.
- Shrublet 18 ins high. Lvs. decussate or verticillate. Flrs. (March) reddish, stamens yell. Frts. (March) black with persistent calyx. Pharing. *Miller* B 496.
- p. 60, l. 38, bottom of page, after "Ngamiland" insert "Flrs. (Aug.) ± precocious, pale yell."
- p. 61, after line 4 insert "moswapeba (Taw.)."
- p. 61, l. 22, C. holosericum is a syn. of C. gueinzii Sond.
- p. 62, l. 33, after "whorls of 3" insert "(21)".
- p. 62, l. 35, delete "(21)".
- p. 63, l. 4, after "(Mbuk.)" add "mswaswe (Kalaka)".
- p. 63, after line 14, insert "C. triacanthum Fresn.
mfula (Rozi).
Tree 12 ft. high in Baikiaea forest, Serondela. Lvs. 3 cm. × 1.5 cm., margins distinctly, midrib slightly hairy. *Miller* B.1318."
- p. 64, l. 31, after "N. B. P." insert "Flrs. (Jany.) white, giving the tree a hawthorn-like appearance."
- p. 64, l. 33, delete "B 127" and transfer to Terminalia randii.
- p. 64, l. 36, delete "B 411" and transfer to Swartzia madagascariensis on p. 36.
- p. 67, delete l. 2 and substitute "2. M. kirkii Bak. (Kew det.)."
- p. 67, l. 5, delete "B 1161" and substitute "B 1176."

- p. 68, l. 18, after "(G.S.P.)" add "ntshekesane (Kalaka)".
- p. 68, l. 19, delete "B/149" and transfer to *Euclea divinorum*.
- p. 69, delete l. 20 and substitute "l. S. trichoclada Welw. (syn. S. buchananii Bak.)".
- p. 70, l. 18, after "muyimbili (Kol.)" insert "gamgcwana (Sarwa). Tree 14 ft. high. Frts. (June) 10 cm. diam., said to be neither poisonous nor edible. S. of Dekka, dist. Chobe. *Miller B/1331*."
- p. 71, l. 16, after "Frts." insert "when dry and opened".
- p. 74, lines 31, 32, after "Kwebe Hills" insert "and Tati dist. Flrs. Jany." After "*Mrs. Lugard 98*," insert "*Miller B/1146*."
- p. 76, l. 3, after "*Miller B/3*" add "*Miller B/1319*, taken from coppice growth, has 3-foliolate lvs. Frts. (May) 1.5 to 2 cm. diam. and decussate brchls."
- p. 78, after l. 14 insert "6. S. sp.
Unarmed shrub 2 to 3 ft. high. Flrs. (Nov.) greenish, inconspicuous. Serondela. *Miller B/1197*.
7. S. sp.
Shrub 2 to 3 ft. high. Flrs. (Aug.) blue with bright yell. stamens. *Miller B/1337*."
- p. 80, l. 29, after "*van Son H28685*" add *Miller B/1342* identified as *B. eenii* is herbaceous. Flrs. (July-Aug.) dark yell."
- p. 85, after l. 25, insert "V. randii S. Moore. ngone (Kalaka).
Tree 18 ft high. Bark pale, smooth. Frts. (Jany.) white, globose, edible. Tati dist. *Miller B/1290*."
- p. 85, l. 28, after "*Miller B/98*" add "B/1206."
- p. 86, l. 26, for "(sub.)" read "(Sub.)".
- p. 87, l. 15, after "white balls." insert "Specimens of this sp. gathered in S. B. P. have a hairy receptacle resembling a pappus."
- p. 87, l. 25, after "(21)" insert "Shrub 3 ft. high. Flrs. (May) in heads, white. Nr Cream of Tartar Pan, dist. Chobe (Miller)." and after "*Lugard 249*" insert "*Miller B/1321*."
- p. 90, in glossary, after "stipitate" insert "Sub.; language of the Masubia".
- pp. 91 to 97, place the following additions and corrections alphabetically:
banyo. *Bidens schimperi*, "Black Jack",
under "chitamatazua" for "Mimusops sp.*" read "*Mimusops kirkii**",
gamgcwana. *Strychnos spinosa**
litiela. *Tacazzea kirkii**
maladitapi. *Fluggea virosa**
mbola. *Albizia struthiofolia**
mogamane. *Dialium simii**

mohalahalane. *Dicliptera micranthus**
 mokaoke. *Schrebera trichoclada**
 mokauka. „
 mokomoto. (*Commiphora edulis**) and *C. mollis**
 mophani. for “*Colophosperma*” read “*Colophospermum*”.
 morutse. for “plan” read “plant”.
 mositsane. to “*Elephantorrhiza* spp.” add asterisk.
 moswapeba. to “*Combretum* spp.” add asterisk.
 for “mothwakeya” read “mothwakedja”.
 motlhakutsane. for “angloensis” read “angolensis”.
 msusu. *Terminalia* sp*.
 mswaswe. *Combretum transvaalense**.
 mfulu. *Combretum triacanthum**
 mumu. to “*Ficus* spp.” add asterisk.
 muphane. for “*Colophosperma*” read “*Colophospermum*”
 muthu. *Acacia giraffae**
 mutswara tshu kuduh=hartebeest’s horns. *Gardenia resiniflua**
 ngone. *Vangueria randii**
 ntshekesane. *Euclea undulata**
 ntewa. *Grewia monticola**
 nzikwa dombo. *Canthium* sp.*
 segelobe. after “*Bulbostylis coleotriche*” add “and *Triaspis* sp.*”
 simamamungwa. *Hippocratea nitida**
 tedu tsa banna. delete “*Triumfetta pentandra*” and substitute
 “*Centamopsis biflora*”
 tsaudi. for “*Guibortia*” read “*Guibourtia*”.
 tulwa. *Solanum* spp.*
 tulwatulwani. do.

Index, pp. 98—100. Insert the following corrections and additions:

ANNONACEAE for ANONACEAE.

Bolusanthus, p. 29 for p. 27.

Citropsis Swingle & Kellermann p. 37.

Colophospermum for Colosphosperma.

Dicliptera Juss. p. 81.

Dolichos L. p. 31.

Julbernardia, p. 33.

LYTHRACEAE. p. 60.

Manilkara, p. 66 for p. 67

Nesaea. p. 60.

Oncoba Forsk. p. 59.

Triumfetta L. p. 54.

Ziziphus. p. 51.